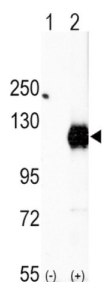


EPH Receptor A2 (EphA2) Antibody

Catalogue No.: abx033513



Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the γ phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation. With more than 500 gene products, the protein kinase family is one of the largest families of proteins in eukaryotes. The family has been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or serine/threonine (STK) kinase catalytic domains. The tyrosine kinase (TK) group is mainly involved in the regulation of cell-cell interactions such as differentiation, adhesion, motility and death. There are currently about 90 TK genes sequenced, 58 are of receptor protein TK (e.g. EGFR, EPH, FGFR, PDGFR, TRK, and VEGFR families), and 32 of cytosolic TK (e.g. ABL, FAK, JAK, and SRC families).

Target: EPH Receptor A2 (EphA2)

Clonality: Polyclonal

Reactivity: Human, Mouse, Hamster

Tested Applications: ELISA, WB

Host: Rabbit

Recommended dilutions: WB: 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: KLH-conjugated synthetic peptide between 919-950 amino acids from the C-terminal region of human EphA2.

Isotype: IgG

Form: Liquid

Purification: Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Storage: Aliquot and store at -20°C . Avoid repeated freeze/thaw cycles.

Datasheet

Version: 3.0.0
Revision date: 27 Jun 2025



UniProt Primary AC: P29317 ([UniProt](#), [ExPASy](#))

KEGG: hsa:1969

String: [9606.ENSP00000351209](#)

Molecular Weight: Calculated MW: 108 kDa

Buffer: PBS containing 0.09% sodium azide.

Specificity: Predicted to react with Monkey EPHA2.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only